Claims

1. An indoor unit (2) for an air conditioner (1), comprising:

a blower fan (71) having a cylindrical shape and is arranged such that its rotational axis is substantially horizontal;

a heat exchanger (50) arranged so as to cover the upper side of the blower fan (71) and to face the outer circumference of the blower fan (71);

an auxiliary pipe (51) that extends outward from a side face of the heat exchanger (50);

a motor (72) arranged adjacent to the blower fan (71) along the rotational axis and configured to rotationally drive the blower fan (71);

a motor cover (55) arranged below the auxiliary pipe (51) in such a manner as to cover the motor (72);

a first drain pan (781) and a second drain pan (782) arranged in such a manner as to sandwich the blower fan (71) from the front and rear and configured to catch drain water that drips from the heat exchanger (50); and

a communication passage (783) arranged adjacent to the motor cover (55) along the rotational axis in a top plan view and configured to link the first drain pan (781) and the second drain pan (782) together,

the blower fan (71), the motor (72), and the communication passage (783) being arranged such that in a top plan view they are positioned along the rotational axis in the following order: the blower fan (71), the motor (72), and the communication passage (783).

2. The indoor unit (2) for an air conditioner (1) recited in claim 1, wherein

there is further provided an electrical component box (73) for housing electrical components (731, 732); and

the blower fan (71), the motor (72), the communication passage (783), and the electrical component box (73) being arranged such that in a top plan view they are positioned along the rotational axis in the following order: the blower fan (71), the motor (72), the communication passage (783), and the electrical component box (73).

3. The indoor unit (2) for an air conditioner (1) as recited in claim 1 or 2, further provided with a water guiding passage (56) configured and arranged to guide drain water that drips onto the motor cover (55) to the communication passage (783).

4. The indoor unit (2) for an air conditioner (1) as recited in any one of claims 1 to 3, wherein the auxiliary pipe (51) extends to the space above the communication passage (783).

5. The indoor unit (2) for an air conditioner (1) as recited in any one of claims 1 to 4, wherein the communication passage (783) is positioned at or below the height of the rotational axis of the blower fan (71).

6. The indoor unit (2) for an air conditioner (1) as recited in any one of claims 1 to 5, wherein the first drain pan (781), the communication passage (783), and the second drain pan (782) are formed as a single integral unit.

7. The indoor unit (2) for an air conditioner (1) as recited in claim 6, wherein

there is further provided a water draining section (789) having a water draining hole (784) that serves to discharge drain water to the outside from the first drain pan (781), the communication passage (783), and the second drain pan (782); and

the first drain pan (781), the communication passage (783), the second drain pan (782), and the water draining section (789) are formed as a single integral unit.

8. The indoor unit (2) for an air conditioner (1) as recited in claim 1, wherein the auxiliary pipe (51) extends in a direction parallel to the rotational axis to a position beyond the motor (72).

9. The indoor unit (2) for an air conditioner (1) as recited in claim 8, wherein the auxiliary pipe (51) extends in a direction parallel to the rotational axis to a position beyond the motor cover (55).

10. The indoor unit (2) for an air conditioner (1) as recited in claim 9, wherein the communication passage (783) is arranged in a position beyond the motor cover (55) in a direction parallel to the rotational axis.